



PRODUCT DATASHEET

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24128CE4

Spherical Roller Bearings

Boundary Dimensions

d	140	mm	Bore diameter
D	225	mm	Outside diameter
B	85	mm	Width
r (min.)	2.1	mm	Chamfer dimension

Basic Load Ratings

Cr	840000	N	Basic dynamic load rating
C0r	1160000	N	Basic static load rating

Speeds

Thermal Speed Rating (Oil-bath)	1600	min-1	Oil-bath lubrication subject to conditions outlined in ISO 15312
Mechanical (forced-circulation oil)	2600	min-1	Properly designed and controlled forced-circulation oil lubrication
Grease	1200	min-1	Grease lubrication
Oil (Oil-bath)	1600	min-1	Oil-bath lubrication

Abutment and Fillet Dimensions

da (min.)	152	mm	Diameter of shaft abutment
da (max.)	156	mm	Diameter of shaft abutment
Da (min.)	192	mm	Diameter of housing abutment
Da (max.)	213	mm	Diameter of housing abutment
ra (max.)	2	mm	Radius of shaft or housing fillet

Calculation factors

e	0.35	Constant
Y2	2.9	Axial load Factors
Y3	1.9	Axial load Factors
Y0	1.9	Axial load Factors

Mass

Mass approx.	13	kg	Mass approx.
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